UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202

MEMORANDUM 17 October 1990

SUBJECT: PCB Compliance Monitoring Report(s)

FROM: Mike Michaud (6E-SH)

TO: Carol Peters (6T-PT)

The following listed PCB Inspection Report(s) is/are submitted for your information and necessary action:

FACILITY	LOCATION
Frank J. Doyle, Scrap & Metal Buyer	Leonard, TX

TSCA
PCB COMPLIANCE INSPECTION REPORT
(40 CFR PART 761)

SECTION A. General Facility Summary

NAME AND ADDRESS OF FACILITY (Include county, state and ZIP code)

FRANK J. DOYLE

305 Cottonwood St (Fannin County)

Leonard, TX 75452

Frank J. Doyle Owner	214/587-3342
(President / VP / Owner)	**(Title and Phone)**
Frank J. Doyle Owner	214/578-3342
(Facility Representative)	**(Title and Phone)**
Transformer Salvage	TDX980865109
(Type of facility - Utility, Salvage Yard, etc. /SIC & Dun No.)	

SECTION B. Inspection Review/Comments

Inspected by: K. P. McLaughlin 6E-SH 10-12-90
(Signature) (Agency and Date of Inspection)

Reviewed by: Mike Michaud 6E-SH 10-17-90
(Signature) (Agency and Date of Review)

Credential presented to Frank J. Doyle.

Comments:

Accompanied by Bob Sullivan, 6E-EI and five members of TAT. TAT did the actual sampling with furnished glassware. Eight samples were collected and shipped to the Houston EPA Laboratory for PCB analysis. Several other samples were collected by TAT for their inspection to determine the degree of hazard.

According to Mr. Doyle he now buys used transformers from only four sources:

Southwestern Electric Power Co(SWEPCO), Shreveport, LA
(G. W. Hollis (318)861-2471)

City of Garland, TX
(Jake Towle (214)205-3400)

Louisiana Power & Light, New Orleans, LA
(John Neal (504)366-8201)

Public Service Oklahoma (PSO), Tulsa, OK
(Rick Shatto (918)599-2218)

Checklist attached: ( ) Heat Transfer & Hydraulic Systems
( ) Decontamination
( ) Transformer

(10/85)

I questioned about a purchase he made from the City of Seymore, TX. He stated that he hed not bought any since he got in trouble the last time we inspected. He said they were the cause of his trouble so he did no more business with them. I asked if he had any record of business with them and he said he did not. In fact, he stated that he had no record of any transaction other than those documents I receipted for concerning PCBs or transformer purchases. He stated that he did not keep any records after he paid for the invoice.

He has a heat cleaning oven for drying and removing transformer core residue to simplify removal of copper. The oven has a Texas Air Control Board operation permit and is periodically monitored by TACB. Copy of the permit is attached.

Scrap metal is sold solely to McKinney Metals, McKinney, TX who he understands reclaims all metals through a smelting process. At one time he used American Metals, Dallas, TX but in not over a year. He stated that McKinney gave him the best price and was closer to tramsport.

His sole source for disposal of transformer oil has always been Scoggins Oil Co, Oklahoma. He claimed no paperwork was generated. He sometimes gives the oil to Scoggins or sells depending on the market. He calls Scoggins when he has a sufficient quantity to justify a trip. No test analysis is supplied or requested. He feels that Scoggins must analyze but they know he does not accept any PCBs or PCB-Contaminated transformers so test is unnecessary.

Besides Frank and his wife they have three other employees, his son, son-in-law and one other. The facility is adjacent to their home.

Information on samples and photos is attached.

SAMPLES OBTAINED AT FRANK J. DOYLE, SCRAP & METAL BUYER

NUMBER	SOURCE
01.	Westinghouse Transformer #55J1948, 15 KVA, Single Phase There was no sticker/label indicating PCB or non-PCB. Other ID # 15C-57707. Screening(Clor-N-Oil)Neg. Aprx 2 gal.
02.	GE Transformer #D642302-58, 15 KVA, Spirakore Transformer. No label/sticker to indicate PCB or non-PCB. Other ID # 15BY-47840. Screening (Clor-N-Oil) Negative. Aprx 1 gallon oil in container/carcass.
03.	55 gallon drum full of transformer oil. Only one drum was available due to recent pickup of used oil by John Scoggins Floor Sweep Co, Sallisaw, OK. Screening - Neg.
04.	500 gallon tank about half full of transformer oil. Screening test - negative. Tank was on skid. No sign of leaking but was in poor condition. No PCB label (M_L).
05.	900 gallon tank, near empty. Sample looked like water sediment. Screening (Clor-N-Oil) kit was positive to 50 PPM. No PCB label (M_L).
06.	Central Maloney Transformer #1752177-2. One half inch of residue oil in bottom of carcass. Screening (Clor-N-Oil) indicated positive for 50 ppm. No PCB or non-PCB labels. According to invoice it was received from SW Electric Power Company, Shreveport, LA on September 6, 1990. TAT sample control was: TRN-1.
07.	McGraw Edison Transformer #74ZL809010, 25 KVA. There was no label indicating PCB or non-PCB. Screening (Clor-N-Oil) indicated negative. TAT sample control was: TRN-2.
08.	Allis-Chalmers Transformer #533602, 50 KVA. There was no label indicating PCB or non-PCB. Screening kit (Clor-N-Oil) indicated negative. Transformer was received from City of Garland on 10-12-90, one of 25 certified to be non-PCB oil.

IDENTIFICATION OF PHOTOS AT FRANK J. DOYLE, SCRAP & METAL BUYER

PHOTO NO.

1. Sample point #01. Westinghouse Transformer #55J1948.
2. Also identified with stencil #15C-57707.
   0945, 10-12-90

3. Sample point #02. GE Transformer #D642302-58.
   Also identified with stencil #15BY-47840.
   1015, 10-12-90

4. Sample point #03. 55 gallon drum containing transformer oil.
   1035, 10-12-90

5. Sample point #04. 500 gallon tank on skids.
6. 1100, 10-12-90 Approximately half full.

7. Sample point #05. 900 gallon tank. Near empty.
   1115, 10-12-90

8. Sample point #06. Central Maloney Transformer #1752177-2
   Also identified with stencil #51731.
   1120, 10-12-90

9. Sample point #08. Allis-Chalmers Transformer #533602. 50 KVA.
   Transformer was full of oil and just arrived from City of Garland.
   1158, 10-12-90

10. Flatbed trailor owned and operated by Frank Doyle to haul used
11. transformers and scrap metal. Truck was just returning with a
    load of transformers from City of Garland.
    1200, 10-12-90

12. Used transformers in Frank Doyle Scrap Metal Yard. Most transformers
13. were marked as 'Non-PCB' with manufacturer's label. House in the
    background is Doyle residence.
    1230, 10-12-90

Temporary number: 88888 7-23-93 Annie Morales

Permanent number: 80951 7-28-Annie Mora

Solid Waste Transporter Notification Form

X Company Name F J DOYLE SALVAGE TRANSFORMERS

X Headquarters Location 305 E. COTTONWOOD, BOX 312,

X Branch Address LEONARD TX

Zip 75452 County FANNIN Phone 903-587 3342

Site Location —

Contact Person F. J. DOYLE

TWC Registration No. 80951 EPA Identification No. _____

RRC Registration No. _____

Carrier Classification: Private X For Hire: Common ____ Contract ____

Interstate X Intrastate ____ Foreign: In ____ Out ____

Transportation Mode: Hwy X Rail ____ Water ____ Air ____

Fleet Size 1 TRUCK.

Operating Area TEXAS LOUISIANA

Freight Classification: Hazardous waste _____

Class I Non-Hazardous waste X

U.S. DOT Hazard Classes _____

Or Chemical Types ELECTRICAL TRANSFORMERS

I certify that the information herein is complete and accurate to the best of my knowledge:

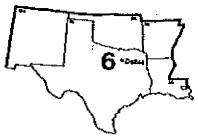
F J Doyle 7-21-93

Signature and Title Date

Temporary # given 7-23-93, by Annie Morales

88888

03 004



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06

Site Name: Doyle, Frank J. CERCLIS ID#: TXD980865109

Alias Site Names: Frank J. Doyle Transformer

Address: 305 East Cottonwood

City/County or Parish/State/Zip Code: Leonard, Fannin, Texas

Report Type, Date, and Author: Preliminary Assessment, July 1995, Arcs Contractor Fluor Daniel, Inc.

RECOMMENDATION:

( ) 1. No Further Remedial Action Planned under Superfund (NFRAP)

(X) 2. Further Investigation Needed Under Superfund
( ) PA ( ) HRS Priority: ( ) High
(X) SSI ( ) RA ( ) Medium
( ) ESI ( ) RI/FS ( ) Low
( ) Other:
To be performed by:

( ) 3. Action Deferred to:
( ) RCRA ( ) NRC

NOTIFY AUTHORITY:

( ) Removal	( ) RCRA	( ) TSCA	( ) CAA	( ) SMCRA
( ) Remedial	( ) State	( ) NPDES	( ) NRC	( ) Resource Trustee:
( ) CERCLA Enforcement	( ) Federal Facility	( ) UIC	( ) SPCC	( ) Other:
SEND SSSR COPIES TO:	(X) 6SF-AC	( ) 6WQ-SP	( ) ATSDR	(X) State Agency

DISCUSSION:

Doyle, Frank J. Site
Leonard, Fanin County, Texas
TXD-980-865-109

The site was entered in CERCLIS in July 1995. A Superfund Preliminary Assessment (PA), was completed by the EPA ARCS contractor Fluor Daniel in May 1997.

The site, also known as Frank J. Doyle Transformer, is located adjacent to a high school and a residential area of Leonard, in Fannin County, Texas. The site, which covers approximately 0.6 of an acre, has one shop building located on the premises. Tables in the shop are used to drain residual oil out of transformers. Also, three oil storage tanks are located inside a concrete containment area in the property yard. Used oil is vacuumed and hauled off site for disposal. The site is completely surrounded by a wooden fence with wooden access gates.

A site reconnaissance was conducted by EPA's contractor on May 1997. The site is currently active, and has been in operation since 1974. Possible contamination was noted from the yellowish/green staining of the soil. The site is relatively flat and drains toward the northeast boundary.

9122375

Site Name: Doyle, Frank J.

CERCLIS ID #: TXD980865109

DISCUSSION continuation: Site operations involve recovering oil, wiring and scrap metal from salvaged transformers. These came from Texas, Oklahoma, Louisiana and Arkansas. The operators maintain that since the late seventies, they only accepted non-Polychlorinated Biphenyls (PCB) transformers. Prior to that, transformer oil was used for weed control and was distributed to various individuals throughout Leonard for use as a weed killer.

Site inspections were conducted by the EPA Technical Assistance Team (TAT) contractor Ecology and Environment on October 12, 1990, and April 19, 1991. Other EPA PCB investigations were conducted in 1990 and 1994. Allegedly, under EPA's supervision, Mr. Doyle's contractor, Worldwide Reclamation, conducted surface and subsurface soil sampling in May, 1995. Further off site sampling was conducted by EPA TAT on July 1995. Sampling results confirmed the presence of PCBs at various depths in several locations.

A drawing prepared by the EPA TAT contractor, E&E, shows that the site was adjacent to a "Project Life Day care", a Day care facility that has subsequently closed and is no longer a concern. The site is also adjacent to a school with 225 students and a second school with 200 students. The number of students and the on-site employees could generate a score of concern.

An analysis of the ground water, surface waster and air migration pathways was included with the PA report. Ground water is a concern, because three wells were identified within one mile of the site, and two of those wells are public water supply wells for the city. One of those wells (well # 18-39-701) is within a quarter mile of the salvage operation. Further sampling is recommended to evaluate the pathway targets (the schools), plus sampling to confirm that the drinking water wells are not contaminated due to the soil exposure within the migration pathway.

A decision to complete a Screening Site Inspection (SSI) will be entered in CERCLIS, and the site assessment investigation will continue.

Based upon currently available information, this site fails to meet the minimum criteria required to be included or proposed by the EPA to the NPL. The NPL is EPA's list of sites that are priorities for further investigation and, if necessary, response action under CERCLA, 42 USC 960001, et seq. Other actions maybe appropriate under State Authorities.

APPROVALS:

Report Reviewed by: Bartolome J. Cañellas (NPL Coordinator 6SF-RA) Signature: Bartolome J. Cañellas Date: 7/21/97

Disposition Recommended by: Susan Webster (Team Leader 6SF-RA) Signature: _____ Date: _____

Disposition Recommended by: Ragan Broyles (Section Chief 6SF-RR) Signature: _____ Date: _____

Disposition Approved by: Charles A. Gazda (Branch Chief 6SF-R) Signature: _____ Date: _____

HEALTH AND SAFETY PLAN
FOR
SCREENING SITE INSPECTION FIELD WORK
DOYLE, FRANK J. (a.k.a Frank J. Doyle Transformer Site)

Prepared by

Texas Natural Resource Conservation Commission
Superfund Site Discovery and Assessment Team
Austin, Texas

Reviewed and approved by

Site Safety Officer:	Name	Date
Site Investigation: Manager	Name	12/17/97 Date
PA/SI Program Manager Representative:	Name	12/18/97 Date
TNRCC Central Office Health & Safety Representative:	Name	12/18/97 Date

December 1997

Contents

SECTION 2

SITE INFORMATION

GENERAL INFORMATION

Site: Doyle, Frank J., aka: Frank J. Doyle Transformer Site, TXD980865109

Location: The Frank J. Doyle Transformer site is an active metal salvage yard (SWR# 80951) that occupies 0.6 acres located at 305 E. Cottonwood Street, Leonard, Texas in Fannin County. The site consists of a shop and storage areas surrounded by a 6'-high wooden perimeter fence. The geographic center of the site is 33° 23' 23" N Latitude and 96° 14' 34" W. The site is located in a residential area in the northeast portion of the city adjacent to Leonard High School. The alleyway south of the site is accessed by the public frequently and the nearest residence is located 40' south of the site.

Mailing Address: F. J. Doyle Salvage Transformers
305 E. Cottonwood Street, Box 312
Leonard, TX 75452

Proposed date of field work: January, 1998

Hazard Assessment: ___ High ___✓___ Medium ___ Low

___ None ___ Unknown

Site description: The owner, Frank J. Doyle, began salvage operations in 1974 and operated at the site until his retirement in January 1997. The owner resides next to the site. (b) (6) [redacted] now operates the facility. Used transformers are received from suppliers in Texas, Oklahoma, Louisiana and Arkansas, off-loaded, drained, copper cores removed, baked to remove varnish, paper and residual oil and stripped for recoverable metals. Drained transformer oils are stored on-site in tanks or drums and subsequently shipped to a recycler. Suppliers are required to test shipped transformers for PCBs <40 parts per million (ppm). According to the owner, transformers were not tested prior to 1980.

Based on an EPA site assessment and results of soil samples collected on July 10-12, 1995, the site has three on-site areas (depth 0"-24") with polychlorinated biphenyls (PCB) contaminated soils ranging from 2.7 mg/kg to 1,590 mg/kg and three off-site areas ranging from 1.57 mg/kg to 2,730 mg/kg at varying depths (0"-6", 6"-12", 12"-18" and 18"-24") along the site perimeter. A May 20, 1997 PA identified two city wells and adjacent residential yards/public schools as potential targets.

SCOPE OF WORK SUMMARY

The field team will collect groundwater and soil samples. Samples to be collected include a total of four (4) groundwater samples, nineteen (19) soil samples, two (2) rinsate samples and three (3) field blanks. These include three (3) background soil samples collected from unaffected upwind/upgradient locations within one mile of the site and one (1) background groundwater sample collected from an off-site upgradient public drinking water well located within two miles of the site for attribution of site contaminants. A duplicate sample will be collected for each matrix each day.

All samples will be collected according to the procedures outlined in the QAPP (Appendix E).

No air samples are planned to assess releases to the air pathway. In addition, no sediment samples are anticipated since there are no perennial streams or receptor bodies of water located within the required 2-mile target distance limit.

SITE/CHEMICAL CHARACTERISTICS

Chemical type(s):	✓ Liquid	✓ Solid	___ Sludge	___ Gas
Characteristic(s):	___ Corrosive	___ Ignitable	___ Radioactive	
	___ Volatile	___ Toxic	___ Reactive	
	___ Unknown	✓ Other		

Summary of known wastes: See below.

List of hazardous substances detected onsite: polychlorinated biphenyls (Aroclor 1260) detected in soils adjacent to on-site waste management units and off site.

Description of all known waste disposal areas on site: Know waste disposal areas include: (1) surface soils in the transformer storage area located in the southeast portion of the site, (2) soils adjacent to the container storage area located in the southwest portion of the site, and (3) soils in the transformer off-load area located in the north central portion of the site.

Site waste management history: The site has been investigated for suspected PCB-contaminated soils by the EPA since 1990. PCB contamination suspected from discharged or spilled transformer oils were initially investigated by the EPA on July